CyberScan pH Tutor

Micro-processor Based Basic Bench pH Meter

CE **ISO 9001** CERTIFIED

CyberScan pH Tutor
pH / °C

- Simple to use
- Up to 3-point Calibration
- Automatic Buffer Recognition
- +/- 0.01 pH Accuracy

$pH \ log(H^+)$

EUTECH INSTRUMENTS
Technology Made Easy ...

CyberScan pH Tutor -
The Easy Choice for Basic pH Measurements!

SIMPLE PUSH-BUTTON CALIBRATION
Calibration is a quick 2-step procedure at the touch of buttons. With the choice of 2 universal pH buffer sets with auto-buffer recognition, calibration error is eliminated. Meter prompts next pH buffer value automatically.

EASY-TO-READ DISPLAY
Custom dual line LCD (Liquid Crystal Display) provides optimum view of both pH and Temperature values.

SPLASH-PROOF TACTILE KEYPAD
IP54-rated housing with splash-proof keypad protects the meter against accidental spills.

±0.01 pH ACCURACY
The meter delivers ±0.01 full-range pH accuracy for repeatable and stable readings.

AUTO/MANUAL TEMPERATURE COMPENSATION
With the use of an optional temperature probe, ATC mode ensures reliable readings under varying temperature conditions. While in the MTC mode, meter delivers accurate results at 25˚C reference temperature.

SELF-DIAGNOSIS
This self-diagnostic meter prompts and guides user throughout with user-friendly message codes and graphical icons for easy operation. Electrode characteristics (pH slope/offset) can be viewed.

ELECTRODE HOLDER (OPTIONAL)
Electrode stand with swivel arm holds multiple electrodes and is a space saver.

BACK PANEL
Accessible neat panel for easy meter setup and cable connections.

WARRANTY
Eutech Instruments warrants its meter free from manufacturing defects for 1 years and electrodes for 6 months.

METER SPECIFICATIONS

CyberScan pH Tutor	
pH Range	0.00 to 14.00 pH
Resolution	0.01 pH
Accuracy	±0.01 pH
Temperature Range	0.0 to 100 ℃
Resolution	0.1 ℃
Accuracy	±0.3 ℃
Temperature Compensation	Automatic / Manual (0 to 100 ℃) Default at 25 ℃
Temperature Offset Adjustment	±5.0 ℃
pH Buffer Options	US Standard (pH 4.01, 7.00, 10.01) NIST Standard (pH 4.01, 6.86, 9.18)
No. Of Calibration Points	Up to 3 points
Stability Indicator	Yes (Ready)
pH Slope & Offset Display	Yes
Self-diagnostic Messages	Yes
User reset	Yes
Display	Custom Dual Line LCD
Inputs	BNC, phono
Power Requirements	9V DC adapter, 120 VAC or 220 VAC, 500 mA
Dimension / Weight	Meter: 18 x 23 x 6 cm ; 570g Boxed: 40 x 26 x 9 cm ; 1200g

ORDERING INFORMATION

Order No.	Item
EC-PHTUTOR	CyberScan pH Tutor
EC-FG73504-01B	Glass body, single junction refillable pH combination electrode (1m cable)
EC-FC72521-01B	Plastic body, single junction sealed pH combination electrode (1m cable)
EC-FC72521R-01B	Plastic body, single junction refillable pH combination electrode (1m cable)
EC-PH5-TEMB01P	Temperature probe (1m cable) for ATC
60X030111	AC/DC power adapter (120 VAC, 50/60 Hz)
60X030112	AC/DC power adapter (220 VAC, 50/60 Hz)
EC-PH-ELSTDC	Electrode stand with swivel arm and base plate
EC-BU4BT	pH 4.01 Buffer Solution (480 ml bottle)
EC-BU7BT	pH 7.00 Buffer Solution (480 ml bottle)
EC-BU10BT	pH 10.01 Buffer Solution (480 ml bottle)

The CyberScan series are registered under U.S. Patent #371,748. Patents outside U.S. are pending.

Eutech also provides meter accessories like general-purpose to specialty pH electrodes and calibration standards. Refer to separate brochures for information.

Simple, economical yet precise

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